

**APPENDIX
VIRTUAL COLLOCATION**

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APPENDIX VIRTUAL COLLOCATION

1. GENERAL DESCRIPTION

- 1.1 This Section of the Appendix provides for Virtual Collocation for the purpose of interconnecting to SBC-13STATE for the transmission and routing of telephone exchange service and exchange access pursuant to 47 U.S.C. § 251 (c)(2), and for access to SBC-13STATE's Unbundled Network Elements ("UNEs") pursuant to 47 U.S.C. § 251(c)(3) of the FTA 96 when the virtually collocated telecommunications equipment (hereafter referred to as equipment) is provided by CLEC.
- 1.2 This Appendix contains the sole and exclusive terms and conditions pursuant to which CLEC will obtain virtual collocation from SBC-13STATE pursuant to 47 U.S.C. § 251(c)(6). For the term of this Agreement, SBC-13STATE will process any CLEC order for any 251(c)(6) virtual collocation as being submitted under this Appendix. In addition, SBC-13STATE will, starting on the Effective Date of this Agreement, bill any existing section 251(c)(6) virtual collocation arrangements that were provided under tariff prior to the Effective Date at the prices that apply under this Agreement. SBC-13STATE will not impose any charge(s) for performing such conversion(s), and the conversions will affect only pricing.
- 1.3 Upon request from CLEC, SBC-13STATE will provide one of the following maintenance alternatives for its virtual collocation offering:
 - 1.3.1 In all of SBC-13STATE's premises, SBC-13STATE will offer virtual collocation wherein SBC-13STATE maintains and repairs the virtually collocated equipment consistent with the rates, terms and conditions as provided for in Sections 1 through 17 of this Appendix.
 - 1.3.2 In CEVs, huts and cabinets where physical collocation space is not available, CLEC may opt for virtual collocation wherein CLEC maintains and repairs the virtually collocated equipment as described in Section 13 following and consistent with the rates, terms and conditions as provided for throughout this entire Appendix. SBC-13STATE may at its option, elect to offer this maintenance alternative in one or more of its central offices, and in one or more of its CEVs, huts and cabinets where physical collocation space is available. As described in Section 13.4, this maintenance alternative is contingent on the provision of a security escort paid for by CLEC. In the event the FCC determines that SBC-13STATE may not require a security escort paid for by CLEC, then this virtual collocation maintenance alternative as described in this Section and in Section 13 is null and void and all virtual collocation will be maintained as described in Section 1 above.
- 1.4 Reserved for future use.
- 1.5 Rates for the individual UNEs CLEC wants to gain access to using virtual collocation can be found in CLEC's Agreement with SBC-13STATE.
- 1.6 A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SBC-13STATE within SBC-13STATE's Central Offices is contained in 12.4 (Rate Elements for SBC-13STATE Central Offices). A description of the rate categories applicable to Virtual Collocation for the purpose of interconnecting to SBC-

13STATE within SBC-13STATE's CEVs, Huts and Cabinets is contained in 12.5 (Rate Elements for SBC-13STATE CEVs, Huts and Cabinets).

- 1.7 Reserved for future use.
- 1.8 Reserved for future use.
- 1.9 Virtual Collocation is available at SBC-13STATE wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4 and in SBC-13STATE CEVs, Huts and Cabinets. Upon request, SBC-13STATE will provide a listing of locations of SBC-13STATE's CEVs, Huts or Cabinets.
- 1.10 The rate elements provided in this Appendix are required when CLEC uses virtual collocation equipment to access UNEs. Such access is provided through cross connects purchased from the Agreement. Unbundled network elements including associated cross connects are obtained from the Agreement between CLEC and SBC-13STATE. Cross connects associated with UNEs establish the circuit between the virtually collocated equipment, and these cross connects are the point at which services provided and purchased from the Agreement begin. Virtually collocated equipment is available as follows:
 - 1.10.1 CLEC shall purchase from the vendor the equipment to be virtually collocated subject to the provisions as set forth in (B) below and the equipment conforming to industry safety standards as set forth in Section 1.10.8.
 - 1.10.2 In accordance with Section 251(c)(6) of the FTA 96, 47 C.F.R. § 51.323 of the FCC's rules, and all applicable state and federal laws, CLEC may collocate equipment "necessary for interconnection or access to unbundled network elements." Multifunctional equipment may be collocated consistent with all applicable state and federal laws, regulations, and orders of the FCC. Equipment may also be collocated to terminate basic transmission facilities pursuant to 47 C.F.R. §§ 64.1401 and 64.1402 of the FCC's rules, and all applicable state and federal laws and regulations. SBC-13STATE will also permit CLEC to place equipment ancillary to its equipment collocated pursuant to the foregoing, including cross-connections and other simple frames, routers, portable test equipment, and equipment racks and bays, on a non-discriminatory.
 - 1.10.3 Reserved for future use.
 - 1.10.4 Reserved for future use.
 - 1.10.5 Reserved for future use.
 - 1.10.6 Reserved for future use.
 - 1.10.7 Reserved for future use.
 - 1.10.8 All types of network equipment placed in SBC-13STATE network equipment areas of Premises by SBC-13STATE or CLEC must meet SBC-13STATE minimum safety standards. The minimum safety standards are as follows: (1) CLEC's equipment must meet Telcordia Level 1 safety requirements as set forth in Telcordia documents SR-3580 and GR-63-CORE, Network Equipment Building Systems (NEBS); or, (2) CLEC must demonstrate that its equipment has a history of safe operation defined by installation in an ILEC (including SBC-13STATE) prior to

January 1, 1998 with no known history of safety problems. CLEC will be expected to conform to the same accepted procedures and standards utilized by including SBC-13STATE and its contractors when engineering and installing equipment.

- 1.10.9 In the event that SBC-13STATE denied Collocation of CLEC's equipment, citing Safety Standards, SBC-13STATE will provide within five (5) business days of CLEC's written request to SBC-13STATE representative(s), a list of SBC-13STATE equipment placed since January 1, 1998 within the network areas of the Premises for which Collocation was denied together with an affidavit attesting that all of such SBC-13STATE equipment met or exceeded the then current Safety Standards when such equipment was placed in the Premises.
- 1.10.10 In the event that CLEC submits an application requesting collocation of certain equipment and SBC-13STATE determines that such equipment is not necessary for interconnection or access to UNEs within the meaning of Section 6.1 above or determines that CLEC's equipment does not meet the minimum safety standards identified in Section 6.11 above or any other requirements of this Appendix, CLEC must not collocate the equipment unless and until the dispute is resolved in its favor. In the event that CLEC equipment is already collocated improperly, then (i) if the equipment does not meet minimum safety standards CLEC will within ten days either bring the equipment into compliance with such safety standards or remove the equipment from the collocation space; and (ii) if the equipment does meet minimum safety standards, then CLEC will within thirty days either bring the equipment into compliance with all material requirements of this appendix that the equipment must meet in order to be eligible for collocation or remove the equipment from the collocation space.
- 1.10.11 Regarding safety, CLEC equipment or operating practices representing a significant demonstrable technical or physical threat to SBC-13STATE's personnel, network or facilities, including the Premises, or those of others are strictly prohibited. Regarding safety, and notwithstanding any other provision hereof, the characteristics and methods of operation of any equipment or facilities placed in the virtual collocation space shall not create hazards for or cause damage to those facilities, the virtual collocation space, or the Premises in which the virtual collocation space is located; or create hazards or cause physical harm to any individual or the public. Any of the foregoing would be in violation of this Appendix.
- 1.11 CLEC may arrange for a mutually agreed upon vendor/contractor to engineer and install the virtually collocated equipment CLEC purchases and CLEC may pay the vendor/contractor directly. The installation contractor and their activity will be under the direction and control of CLEC who will ensure that the installation contractor meets all standards and requirements for installation of equipment, as required under this Appendix. If SBC-13STATE chooses to have its personnel present when the CLEC equipment is installed, then SBC-13STATE's presence will be at its own expense. However, if SBC-13STATE demonstrates that the CLEC contractor has or would have violated any standard or requirement for installation of equipment, as required under this Appendix, CLEC is responsible for the quantifiable expense incurred by SBC-13STATE.
- 1.12 Federal Telecommunications Act of 1996
 - 1.12.1 Reserved for future use.

1.12.2 The use of virtual collocation for (1) interconnection to SBC-13STATE or (2) access to SBC-13STATE's unbundled network elements, in either case pursuant to 47 U.S.C. § 251(c), is available at SBC-13STATE wire centers as specified in the National Exchange Carrier Association, Inc., tariff F.C.C. No. 4, and in SBC-13STATE CEVs, Huts and Cabinets.

1.12.3 In addition, the following terms and conditions contained in the SBC-13STATE's Physical Collocation Appendix shall apply to virtual collocation arrangements provided under this Appendix, and are incorporated herein by reference: Section 2-Definitions, Section 14-Limitation of Liability, Section 13-Casualty Loss, Section 23.1 - Certification, Section 16 OSHA Statement, Section 29 -Cancellation Prior to Due Date, Section 7.3 Recurring/Non-Recurring Charges, Section 30 - Allowance for Interruptions, Section 8.7 -Threat to Personnel, Network, or Facilities, Section 8.8 - Interference or Impairment, Section 8.9 –Alterations.

2. RESERVED FOR FUTURE USE.

3. PROVISIONING

3.1 CLEC will order Virtual collocation for Interconnection to SBC-13STATE or access to SBC-13STATE-provided UNEs as set forth in SBC-13STATE's Interconnector's Collocation Services Handbook for Virtual Collocation in 13-STATES. SBC-13STATE will designate the location or locations within its wire centers, CEVs, Huts and Cabinets for the placement of all equipment and facilities associated with virtual collocation. Virtual collocation does not involve the reservation of segregated central office or CEV, Hut and Cabinet space for the use of CLEC.

3.2 SBC-13STATE will provide Virtual Collocation for comparable equipment as it provides to itself or another Collocator in the central office, wire center, CEV, Hut or Cabinet, as the case may be.

4. CLEC RESPONSIBILITIES

4.1 CLEC will provide, under this Section of this Appendix, at its expense, all equipment and associated materials required to facilitate interconnection and access to SBC-13STATE's UNEs. CLEC will, at its expense, provide the following:

4.1.1 All plug-ins and/or circuit packs (working, spare, and replacements),

4.1.2 All unique tools and test equipment,

4.1.3 Any ancillary equipment and cabling used for remote monitoring and control,

4.1.4 Any technical publications and updates associated with all CLEC-owned and provided equipment,

4.1.5 All training as described in Section 12.4.16.

4.2 CLEC will provide, at its expense, replacements for any recalled, obsolete, defective or damaged facilities, equipment, plug-ins, circuit packs, unique tools, test equipment, or any other item or material provided by CLEC for placement in/on SBC-13STATE property. Suitable replacements are to be immediately provided to SBC-13STATE to restore equipment.

- 4.3 CLEC will provide at least the minimum number of usable equipment spares specified by the manufacturer. Replacements must be delivered to SBC-13STATE central office using the equipment spare within five (5) days of notification that a spare was used or tested defective.

5. COOPERATIVE RESPONSIBILITIES

- 5.1 SBC-13STATE will work cooperatively with CLEC to develop implementation plans including timelines associated with:

- 5.1.1 Placement of CLEC's fiber into the central office vault,
- 5.1.2 Location and completion of all splicing,
- 5.1.3 Completion of installation of equipment and facilities,
- 5.1.4 Removal of above facilities and equipment,
- 5.1.5 To the extent known, CLEC can provide forecasted information to SBC-13STATE on anticipated additional Virtual Collocation requirements,
- 5.1.6 To the extent known, CLEC is encouraged to provide SBC-13STATE with a listing of the equipment types that they plan to virtually collocate in SBC-13STATE's central offices or CEVs, Huts and Cabinets. This cooperative effort will insure that SBC-13STATE personnel are properly trained on CLEC equipment.

6. INTERVALS AND PROVISIONING

6.1 Quote Intervals

- 6.1.1 Upon receipt of CLEC's application and initial Planning Fee payment, SBC-13STATE will begin development of the quotation. SBC-13STATE will notify CLEC as to whether its request for a virtual collocation arrangement has been granted or denied due to a lack of interconnection facilities or space within ten (10) calendar days of submission of the completed application.
- 6.1.2 In responding to an application request, SBC-13STATE shall provide the quotation of the applicable nonrecurring and recurring rates, and the estimated construction interval no later than as specified below. CLEC has forty-five (45) calendar days from receipt of the quotation to accept the quotation. The quotation expires after forty-five (45) calendar days. After forty-five (45) calendar days, a new application and Planning Fee are required.
- 6.1.3 Price quote intervals are as follows and will run concurrent with the ten (10) calendar day notification interval for availability of virtual collocation interconnection:

Number of Applications By One Collocator	Quotations Interval
1 - 5	10 Calendar Days
6 - 10	15 Calendar Days
11 - 15	20 Calendar Days
16 - 20	25 Calendar Days

- 6.1.4 Should **CLEC** submit twenty-one (21) or more applications within five (5) business days, the quotation interval will be increased by five (5) business days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and will be subject to the time intervals set forth above.
- 6.1.5 **CLEC** may obtain a shorter quote interval by scheduling a meeting with **SBC-13STATE** at least twenty (20) calendar days prior to submission of the first application to discuss, coordinate and prioritize **CLEC** applications.
- 6.1.6 Once **SBC-13STATE** has completed its review of the virtual collocation application form inquiry, the entire completed quote package will be forwarded to **CLEC** in writing with a cover letter. **CLEC** has forty-five (45) calendar days to remit a signed confirmation form along with a check for fifty (50%) of all the applicable nonrecurring charges.
- 6.1.7 If **CLEC** fails to respond within the forty-five (45) calendar day interval, should **CLEC** decide at a later time to proceed with virtual collocation, a new application and Planning Fee will be required.
- 6.2 Implementation Intervals
- 6.2.1 A virtual collocation arrangement is not reserved until the quotation is accepted. When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, **SBC-13STATE** will allow **CLEC**'s vendor to begin equipment installation no later than ninety (90) calendar days from acceptance of the quotation. The virtual collocation interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the virtual collocation area.
- 6.2.2 The construction intervals for virtual collocation arrangements are noted in Table 2-1. For Virtual Collocation in Active Collocation Space where **CLEC** is requesting maximum DC Power of fifty (50) amps, either in a single or in multiple feeds of fifty (50) amps (maximum fifty (50) amps per feed), the Virtual Collocation construction intervals remain as stated below. For Virtual Collocation in Active Collocation Space where **CLEC** is requesting DC Power that exceeds fifty (50) amps from a single source (e.g., 100 amps) per feed, the construction interval is ninety (90) calendar days. These same construction intervals apply for virtual collocation in Premises such as CEVs (Vaults), Huts and Cabinets.
- 6.2.3 When the quotation is accepted, unless otherwise mutually agreed to by the Parties in writing, the construction intervals for virtual are as follows:

Table 2-1

Type	Description	Interval	Exception
Virtual	Active Collocation space	90 calendar days	With SBC-13STATE installation of bay/racks/frames
Virtual	Active Collocation space	90 calendar days	With CLEC installation of bay/racks/frames

- 6.2.4 Where space is not suitable for central office equipment (e.g., it is not Active collocation space), SBC-13STATE shall have an additional thirty (30) calendar days to prepare the space. Virtual collocation space is not reserved until the quotation is accepted.
- 6.2.5 When the quotation is accepted unless otherwise mutually agreed to by the Parties in writing, SBC-13STATE will complete construction of Active Collocation Space requests for virtual collocation in ninety (90) calendar days from the receipt of CLEC's acceptance of the quotation where power is available and CLEC is installing all of its own bays. The virtual collocation construction interval ends when roughed in, unterminated DC power and interconnection cabling is provided to the collocation area. SBC-13STATE will complete construction of Active Collocation Space requests for virtual collocation in ninety (90) calendar days from the receipt of CLEC's acceptance of the quotation where SBC-13STATE will be installing all or some of the bays. SBC-13STATE considers power to be available if sufficient power plant capacity exists, the BDFB (if used) is within 100 feet of CLEC's space and sufficient termination capacity on the power plant and/or BDFB exists.
- 6.2.6 If a completion date outside the time period required herein is not agreed to by the parties and not resolved through the Agreement's dispute resolution procedures, the issue may be presented by either party to the appropriate State commission for determination.
- 6.3 Installation of Virtual Collocation Equipment
- 6.3.1 SBC-13STATE does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of CLEC's equipment, arrangement, or facilities.
- 6.3.2 SBC-13STATE will be responsible for using the same engineering practices as it does for its own similar equipment in determining the placement of equipment and engineering routes for all connecting cabling between collocation equipment.
- 6.3.3 In this arrangement, telecommunications equipment (hereafter referred to as equipment) is furnished by CLEC and engineered and installed by a mutually agreed upon vendor for CLEC. CLEC will have the authority to select installation vendors. All installations of equipment will be in accordance with the CLEC-provided installation design and must comply with manufacturer's specifications and applicable published national standards approved by the FCC, and other governmental authorities that have jurisdiction.
- 6.3.4 CLEC and SBC-13STATE must jointly accept the installation of the equipment and facilities prior to the installation of any services using the equipment. As part of this acceptance, SBC-13STATE will cooperatively test the collocated equipment and facilities with CLEC.
- 6.3.5 SBC-13STATE will provide TIRKS and/or SWITCH print out of actual point of termination/connection facilities assignment (APOT/CFA) to CLEC at collocation space turnover. This information is used to request access and line sharing services. CLEC is responsible for payment of all non-recurring charges, where applicable, prior to receiving APOT/CFA information.

6.4 Revisions

6.4.1 All Revisions to an initial request for a virtual collocation arrangement submitted by **CLEC** must be in writing via a new application form.

6.4.1.1 Major Revisions include:

- adding telecommunications equipment that requires additional electrical power
- accelerating the project schedule
- adding additional **CLEC** bays or equipment that impact the existing/proposed floor-space area provided to **CLEC** in their quote package.

6.4.1.1.1 If the revision is major, a new interval for the virtual collocation arrangement will be established which shall not exceed two months.

6.4.1.2 Minor Revisions include:

- adding bays of equipment that do not significantly impact the existing/proposed electrical systems
- adding light fixtures and outlets which do not exceed the capacity of the existing/proposed electrical system
- adjustments to the heat release projection which do not cause a change in the proposed/existing mechanical system

6.4.1.2.1 However, minor revisions will not require that a new interval be established. No additional Planning Fees shall be applicable if the revision is minor.

6.4.1.2.2 This list is not all-inclusive. Any revisions to **CLEC**'s application not specified above must be reviewed by **SBC-13STATE** to determine whether the revision is major or minor.

6.5 Augments

6.5.1 In order to request an augment, **CLEC** must submit a Virtual Collocation Application Form to **SBC-13STATE** Collocation Service Center (CSC) indicating in Section 3 of the application that this is an "Augmentation to an Existing Arrangement." The price quote will contain the charges and the construction interval for that application.

6.5.2 **SBC-13STATE** will work cooperatively with **CLEC** to negotiate mutually agreeable implementation intervals for augments.

7. EQUIPMENT PROVISIONING

7.1 **CLEC** will arrange to deliver to **SBC-13STATE** central office where the equipment is located a reasonable number, as recommended by the manufacturer, of all appropriate plug-ins, circuit packs and cards and any other equipment, plus all necessary circuit design and provisioning information on an agreed-upon date which is no later than two (2) business days prior to the scheduled turn-up of **CLEC**'s equipment.

- 7.2 For the disconnection of circuits, CLEC's will provide all circuit information no later than two (2) business days prior to the scheduled disconnection of CLEC's circuit.
- 7.3 SBC-13STATE does not assume any responsibility for the design, engineering, testing, or performance of the end-to-end connection of CLEC's circuits.

8. REPAIR OF EQUIPMENT

- 8.1 Except in emergency situations, the CLEC-owned fiber optic facilities and central office terminating equipment will be repaired only upon the request of CLEC. In an emergency, SBC-13STATE may perform necessary repairs without prior notification. In such an event, SBC-13STATE will notify CLEC as soon as practicable after completing such repairs or if CLEC's assistance is required to complete repairs. The labor rates specified in Section 12.4.17.2.2 apply to SBC-13STATE central offices and SBC-13STATE CEVs, Huts and Cabinets and are applicable for all repairs performed by SBC-13STATE on CLEC's facilities and equipment.
- 8.2 When initiating repair requests on CLEC-owned equipment, CLEC must provide SBC-13STATE with the location and identification of the equipment and a detailed description of the trouble.
- 8.3 Upon notification by CLEC and availability of spare parts as provided by CLEC, SBC-13STATE will be responsible for repairing the Virtually Collocated equipment at the same standards that it repairs its own equipment.

9. MAINTENANCE OF EQUIPMENT

- 9.1 CLEC will request any and all maintenance by SBC-13STATE on its Virtually Collocated facilities or equipment. When initiating requests for maintenance on collocated equipment, CLEC must provide SBC-13STATE with the location and identification of the equipment and a detailed description of the maintenance requested.
- 9.2 Upon notification by CLEC and availability of spare parts as provided by CLEC, SBC-13STATE will be responsible for maintaining the Virtually Collocated equipment at the same standards that it maintains its own equipment.

10. ALARM COLLECTION

- 10.1 CLEC has the ability to purchase its own remote monitoring and alarming equipment.
- 10.2 Since the maintenance of CLEC's equipment is at the direction and control of CLEC, SBC-13STATE will not be responsible for responding to alarms and will only conduct maintenance and repair activities at the direction of CLEC.

11. TERMINATION OF VIRTUAL COLLOCATION

- 11.1 Upon termination of the Virtual Collocation arrangement, CLEC will work cooperatively with SBC-13STATE to remove CLEC's equipment and facilities from SBC-13STATE's property subject to the condition that the removal of such equipment can be accomplished without damaging or endangering other equipment located in the central office. SBC-13STATE is not responsible for and will not guarantee the condition of such equipment. CLEC is responsible for arranging for and paying for the removal of virtually collocated

equipment including all costs associated with equipment removal, packing and shipping. Arrangements for and the removal of CLEC virtually collocated equipment must be made within thirty (30) business days after termination of the virtual collocation arrangement, unless a different time period is mutually agreed upon. SBC-13STATE shall be responsible for exercising reasonable caution when removing virtually collocated equipment. SBC-13STATE will only be responsible for damage done to such equipment caused by gross negligence on the part of SBC-13STATE or its contractors during the removal process. However, CLEC will indemnify and hold SBC-13STATE harmless for any damage done to virtually collocated equipment if SBC-13STATE permits CLEC to hire a contractor approved by SBC-13STATE to remove virtually collocated equipment. Any equipment not removed in this time frame may be removed by SBC-13STATE and stored in a non-Company location, at the expense of CLEC. Upon termination of the Virtual Collocation, CLEC must remove the fiber entrance cable used for the Virtual Collocation as set forth herein. If the entrance cable is not scheduled for removal within seven business (7) days, SBC-13STATE may arrange for the removal, and CLEC will be responsible for any charges incurred to remove the cable. SBC-13STATE and CLEC will cooperatively manage the removal process. CLEC is only responsible for physically removing entrance cables housed in conduits or inner-ducts and shall not do so unless and until SBC-13STATE instructs CLEC that such removal can be accomplished without damaging or endangering other cables contained in a common duct or other equipment residing in the central office.

12. RATE REGULATIONS

- 12.1 This Section contains specific regulations governing the rates and charges that apply to Virtual Collocation.
- 12.2 There are two types of rates and charges that apply to the various rate elements for Virtual Collocation. These are non-recurring charges and monthly recurring rates.
- 12.3 Rates and charges specific to Virtual Collocation are set forth on Attachment 2 (Rates and Charges for SBC-13STATE Central Offices). Rates and charges specific to Virtual Collocation for access to SBC-13STATE-provided UNEs in SBC-13STATE CEVs, Huts and Cabinets are set forth on the Collocation Rate Summary (Rates and Charges for SBC-13STATE CEVs, Huts and Cabinets).
- 12.4 Rate Elements for SBC-13STATE Central Offices

Consistent with provisions in Section 1.6, the following provides a list of the specific rate elements for virtual collocation in SBC-13STATE's Central Offices.

12.4.1 Planning Fee

- 12.4.1.1 The Planning Fee recovers SBC-13STATE costs incurred to estimate the quotation of charges, project management costs, engineering costs, and other related planning activities for CLEC's request for a virtual collocation arrangement. The Planning Fee also provides for SBC-13STATE personnel to survey each requested location for availability of space for the placement of entrance cables as well as to determine floor space to physically place CLEC-designated equipment expressed as a non-recurring charge. The Planning Fee is applied on an initial and subsequent basis. The initial charge will apply to CLEC's request for a virtual collocation arrangement or the addition of cable. The subsequent planning charge will apply to any additional interconnection or power arrangements.

Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.2 Floor Space

- 12.4.2.1 This sub-element provides for the “occupancy” cost per bay framework associated with using the floor space in **SBC-13STATE**’s central offices expressed as a monthly rate. Charges for the sub-elements are specified on the Collocation Rate Summary.

12.4.3 Relay Rack (Optional)

- 12.4.3.1 This sub-element provides the cost per Standard Bay relay rack when provided by **SBC-13STATE** expressed as a monthly rate. **SBC-13STATE**’s Standard Bay dimensions are 7' 0" high, and have a 23" interior width, 25" exterior width, and up to 15" deep. In those cases where an individual relay rack and associated floor space are shared by **SBC-13STATE** and **CLEC** or among Collocators, the floor space and relay rack associated will be apportioned on a quarter rack basis. When the standard bay relay rack is provided by **CLEC**, this rate element will not apply. Charges for this element are specified on the Collocation Rate Summary.

12.4.4 Common Systems Materials

- 12.4.4.1 This sub-element provides the infrastructure installation and maintenance of ironwork, racking, and lighting above the equipment bays. Charges for the sub-elements are specified on the Collocation Rate Summary. The common systems sub-element is distinct for standard and non-standard. In those cases where common systems materials for an individual relay rack and associated floor space are shared with **CLEC** or among Collocators, the common systems materials for the floor space and relay rack associated will be apportioned on a quarter rack basis.

12.4.5 Real Estate

- 12.4.5.1 These rate elements provide for **SBC-13STATE** to recover the costs associated with preparing the Eligible Structure for telecommunications equipment (Site Conditioning) and securing the space (Safety and Security).

12.4.5.2 Site Conditioning

- 12.4.5.2.1 Permits **SBC-13STATE** to recover costs associated with preparing space within the Premises for telecommunications equipment. The nonrecurring charge for this sub-element is specified on the Collocation Rate Summary.

12.4.5.3 Safety and Security

- 12.4.5.3.1 Permits **SBC-13STATE** to recover costs associated with securing the telecommunications area used for Virtual

Collocation. The nonrecurring charge for this sub-element is specified on the Collocation Rate Summary.

12.4.6 Entrance Fiber Optic Arrangement

12.4.6.1 This sub-element provides for **SBC-13STATE** pulling and splicing fiber cable between the manhole and cable vault, and the subsequent routing of fiber riser cable between the cable vault and FDF. (Note: Virtually Collocated Equipment may also be connected to dedicated transport facilities provided as Unbundled Network Elements in lieu the entrance fiber. When Virtually Collocated Equipment is connected to dedicated transport facilities in lieu of the entrance fiber, the terms, conditions and charges for such dedicated transport facilities are pursuant to the Agreement. No recurring or non-recurring charges for dedicated transport facilities provided as used are applicable pursuant to this Appendix). Charges for this rate element are on the Collocation Rate Summary.

12.4.6.2 Entrance Conduit, per sheath

14.4.6.2.1 This sub-element represents any reinforced passage or opening in, on, under, over or through the ground between the first manhole and the cable vault through which the fiber optic cable is placed. Charges for this element are specified on the Collocation Rate Summary.

12.4.7 DC Power Arrangement Provisioning

12.4.7.1 This sub-element is the cable and cable rack including support and fabrication material necessary to support the virtually collocated equipment expressed as a monthly rate for either 2-20 AMP feeds or 2-50 AMP feeds. Fuse panels necessary for terminating power feeds at **CLEC**'s equipment bay are provided by **CLEC**. In the event that **CLEC** requires a power arrangement that exceeds 50 AMPS from a single source, **SBC-13STATE** will cooperatively work with **CLEC** using comparable rate elements as the basis for such arrangements. Cable sizing is based on list 2 design loads. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.8 DC Power Amperage Charge

12.4.8.1 DC Power per AMP

12.4.8.1.1 This is a monthly recurring charge which is determined by multiplying the per DC amp rate by the total amount of DC amps provided over one of the two power feeds ordered by **CLEC** for its power arrangement. By way of example, where **CLEC** orders DC Power in a 20-amp increment, it will be considered to have ordered two 20-amp power feeds and SBC will provision two (2) twenty (20) AMP DC power leads that have been fused (for a combined total of forty (40) AMPs),but SBC shall only bill **CLEC** the monthly recurring charge applicable to DC Power for a total of twenty (20) AMPs. The DC power charge per amp consists of the use of:

DC power plant, backup generator, batteries & rectifiers, BDFB, associated hardware & cabling, and AC energy to convert to DC power. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.8.2 Heating, Ventilating, and Air Conditioning (HVAC)

12.4.8.2.1 This sub-element consists of the elements necessary to provide HVAC within the Premises to the collocation arrangement and is based on the heat dissipation required for each 10 AMPS of DC Power. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.8.3 Ground Cable Arrangement

12.4.8.3.1 The Ground Cable Arrangement is the cabling arrangement designed to provide grounding for equipment per frame expressed as a monthly rate. Separate Ground Cable Arrangements are required for Integrated and Isolated Ground Planes. Charges for this element are specified on the Collocation Rate Summary.

12.4.9 DS0 Voice Grade Interconnection Cable Arrangement

12.4.9.1 This sub-element provides for the cost associated with providing DS0 voice grade (100 pairs) Non-Shielded or Shielded between **SBC-13STATE**'s Distributing Frame and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for these sub-elements are specified on the Collocation Rate Summary.

12.4.10 DS-1 Interconnection Cable Arrangement to DCS

12.4.10.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between **SBC-13STATE**'s DCS functionality purchased from **CLEC**'s Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate.

12.4.10.2 Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.11 DS-1 Interconnection Cable Arrangement to DSX

12.4.11.1 This sub-element provides for the cost associated with providing 28 DS-1 cabling arrangement between **SBC-13STATE**'s DSX functionality purchased from **CLEC**'s Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.12 DS-3 Interconnection Cable Arrangement to DCS

12.4.12.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between **SBC-13STATE**'s DCS functionality purchased from **CLEC** Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.13 DS-3 Interconnection Cable Arrangement to DSX

12.4.13.1 This sub-element provides for the cost associated with providing one DS-3 cabling arrangement between **SBC-13STATE**'s DSX functionality purchased from **CLEC**'s Agreement and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.14 Fiber Interconnection Cable Arrangement

12.4.14.1 This sub-element provides for the cost associated with providing 12 fibers pairs between **SBC-13STATE**'s FDF and the virtually collocated equipment expressed as a combination of a non-recurring charge and a monthly rate. Charges for this sub-element are specified on the Collocation Rate Summary.

12.4.15 Timing Source Arrangement (Optional)

12.4.15.1 **SBC-13STATE** provided single signal from **SBC-13STATE**'s timing source to provide synchronization between **CLEC**'s single network element and **SBC-13STATE**'s equipment expressed as a recurring and non-recurring rate. Charges for this sub-element, if requested by **CLEC** are specified on the Collocation Rate Summary.

12.4.16 Training

12.4.16.1 **SBC-13STATE** is responsible for determining when training is necessary and how many of **SBC-13STATE**'s employees require training to provide 24 hour a day, seven day a week coverage for the installation, maintenance and repair of **CLEC**'s designated equipment not currently used in a wire center selected by **CLEC** for virtual collocation. If training will be required on the equipment that is contained in an application, **SBC-13STATE** will so notify by telephone or e-mail the **CLEC** point of contact listed on the application within 30 calendar days of the application receipt date. **SBC-13STATE** will be limited to request training for four (4) of **SBC-13STATE**'s personnel per location, unless a different number is mutually agreed upon by **SBC-13STATE** and **CLEC**.

12.4.16.2 **CLEC** may have **SBC-13STATE** arrange for the required training of **SBC-13STATE**'s personnel. The non-recurring charges applicable for training are listed on the Collocation Rate Summary.

12.4.16.3 If **SBC-13STATE** chooses not to coordinate the required training, **CLEC** will assume the responsibility for providing the training. It is then the responsibility of **CLEC** to:

12.4.16.3.1 arrange and pay to the supplier all costs for training sessions, including the cost of the trainer(s), transportation and lodging of such trainer(s), and required course material, and

12.4.16.3.2 arrange and pay to each individual supplier all costs associated with lodging and other than domestic transportation, such as airfare, required for **SBC-13STATE** employee training.

12.4.16.3.3 arrange and pay all costs associated with **SBC-13STATE** employee(s) attendance at the training, including lodging and other than local transportation, such as airfare, and employee(s) labor rate for time away from the job, required for **SBC-13STATE** employee training.

12.4.16.4 **SBC-13STATE** will work cooperatively with **CLEC** to schedule **SBC-13STATE**'s personnel training time required for the installation, maintenance and repair of **CLEC**'s designated equipment. **CLEC** will be assessed two hours of the technician additional labor charge for **SBC-13STATE**'s personnel time required to coordinate training activities with **CLEC**. **CLEC** will be responsible for reimbursement of applicable Company contractual compensation obligations for time spent as a result of the necessary training. All other charges, if applicable, specified in 12.4.16 (Training) will be assessed to **CLEC**.

12.4.17 Maintenance and Repair Labor Rates

12.4.17.1 Maintenance of Equipment

12.4.17.1.1 This rate element is a labor rate charged by **SBC-13STATE** to **CLEC** for ongoing maintenance of **CLEC**'s equipment. Any maintenance requirements will be initiated by **CLEC**. Labor rates are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

12.4.17.1.2 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary.

12.4.17.2 Repair of Equipment

12.4.17.2.1 This rate element is a labor rate charged by **SBC-13STATE** to **CLEC** for repair of **CLEC**'s equipment. All repair will be at the direction of **CLEC**.

12.4.17.2.2 Labor rates are based upon a charge for Network Operations Center (NOC) personnel to take the trouble report, create a trouble ticket, and dispatch a technician. Labor rates for actual

repair of the trouble are based upon a 1/4 hour basis and are dependent upon day of week and time of day.

- 12.4.17.2.3 For purposes of this Appendix, normal weekday is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday excluding holidays. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary.

12.4.18 Collocation-to-Collocation Connection

This rate element includes virtual-to-virtual, and virtual-to-physical connection options.

12.4.18.1 Fiber Cable (12 Fiber)

- 12.4.18.1.1 This sub-element provides for direct cabling using fiber cable (12 fibers pairs) between two collocation arrangements at an Premises. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary.

12.4.18.2 Copper Cable (28 DS1s)

- 12.4.18.2.1 This sub-element provides for direct cabling using copper cable (28 DS1s) between two collocation arrangements at an Premises. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary.

12.4.18.3 Coax Cable (1 DS3)

- 12.4.18.3.1 This sub-element provides for direct cabling using coaxial cable (1 DS3) between two collocation arrangements at an Premises. This sub-element is expressed as a combination of a non-recurring charge and a monthly rate and these charges are specified on the Collocation Rate Summary.

12.4.18.4 Cable Racking and Hole

- 12.4.18.4.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements at an Premises. This sub-element is expressed as a monthly rate specified on the Collocation Rate Summary.

12.4.18.5 Route Design

- 14.4.18.5.1 This sub-element provides the route design for collocation-to-collocation connections. This sub-element is expressed as a non-recurring charge and this charge is specific on the Collocation Rate Summary.

12.4.19 Equipment Evaluation Cost

12.4.19.1 This rate element is a labor rate charged by **SBC-13STATE** to **CLEC** for evaluating **CLEC**'s equipment when not meeting Level 1 Safety requirements as set forth in Bellcore Network Equipment - Building Systems (NEBS). Charges for this element are specified on the Collocation Rate Summary.

12.4.20 Test and Acceptance

12.4.20.1 This rate element is a labor rate charged by **SBC-13STATE** to **CLEC** for cooperative assisting **CLEC**'s approved vendor in testing and accepting the installed virtually collocated equipment. Charges for this element are specified on the Collocation Rate Summary.

12.5 Rate Elements for **SBC-13STATE**'s CEVs, Huts and Cabinets

The following provides a list of the specific rate elements for virtual collocation for access to **SBC-13STATE**'s provided UNEs in **SBC-13STATE**'s CEVs, Huts and Cabinets.

12.5.1 Entrance Cable Fiber

12.5.1.1 This sub-element provides for the engineering of a point of appearance cable termination, preparation of work order drawings, postings of the work order and cable data in the appropriate databases for inventory and provisioning purposes, excavation to expose existing subsurface facilities, pulling the **CLEC**-provided cable into the Premises, routing, securing and preparing the end for splicing or termination.

12.5.1.2 Charges for these sub-elements are specified on the Collocation Rate Summary.

12.5.2 Entrance Conduit

12.5.2.1 Any reinforced passage or opening placed for **CLEC** provided facility in, on, under/over or through the ground between **SBC-13STATE** CEV, Hut, or Cabinet and **CLEC** structure. Rates and charges are as found on the Collocation Rate Summary.

12.5.3 DC Power Amperage Charge

12.5.3.1 This sub-element provides for the use of power in the Hut, CEV, or cabinet based on the amount of mounting space that is used by **CLEC** as measured in 2-inch increments. Charges for this sub-element are expressed as a recurring charge and can be found on the Collocation Rate Summary.

12.5.4 24-Foot CEV

12.5.4.1 This sub-element provides for the use of mounting space within a 24-foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.5 16-Foot CEV

- 12.5.5.1 This sub-element provides for the use of mounting space within a 16-Foot CEV. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.6 Maxi-Hut

- 12.5.6.1 This sub-element provides for the use of mounting space within a Maxi-Hut. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.7 Mini-Hut

- 12.5.7.1 This sub-element provides for the use of mounting space within a Mini-Hut. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.8 Large Cabinet

- 12.5.8.1 This sub-element provides for the use of mounting space within a Large Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.9 Medium Cabinet

- 12.5.9.1 This sub-element provides for the use of mounting space within a Medium Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.10 Small Cabinet

- 12.5.10.1 This sub-element provides for the use of mounting space within a Small Cabinet. This element is expressed as a monthly rate. The charge for this sub-element is specified on the Collocation Rate Summary.

12.5.11 Project Coordination Fee

- 12.5.11.1 The project coordination fee provides for **SBC-13STATE** personnel to survey each requested CEV, Hut and Cabinet for availability of space for placement of copper or fiber cables as well as to determine space for any **CLEC**-designated equipment. This sub-element is expressed as a non-recurring charge and is specified on the Collocation Rate Summary.

13. ALTERNATIVE VIRTUAL COLLOCATION ARRANGEMENT DESCRIPTION

- 13.1 This section describes Alternative Virtual Collocation wherein **CLEC** maintains and repairs the virtually collocated equipment.
- 13.2 For purposes of virtually collocating equipment, **SBC-13STATE** shall determine which Premises require access to CEVs, Huts, or manholes containing concentrated cabling and other forms of equipment that requires drawings, schematics, or other engineering documents that aide in the prevention of accidental network outages. The drawings, schematics, or other

- engineering documents shall denote the location of CLEC's equipment and cabling without disclosing identity of equipment and cabling belonging to SBC-13STATE and other Collocators.
- 13.3 After CLEC has been provided with written notification by SBC-13STATE that access to CEVs, Huts, or manholes containing concentrated cabling and other forms of equipment requires drawings, schematics, or other engineering documents that aid in the prevention of accidental network outages, CLEC may not enter an Premises without obtaining undated copies of drawings, schematics, or other engineering documents. Upon request, SBC-13STATE shall immediately make available to CLEC those drawings, schematics, or other engineering documents that identify the location of CLEC's equipment and cabling. In the event the requested documents are not immediately available, SBC-13STATE shall not prevent CLEC from entering the Premises. If SBC-13STATE does not immediately make the requested documents available to CLEC and CLEC enters the Premises, SBC-13STATE shall deliver the requested documents to CLEC immediately upon locating same.
- 13.4 SBC-13STATE will provide a security escort with CLEC paying the expense for the escort. SBC-13STATE will provide the security escort as soon as reasonably possible, or within the time frame agreed to by the parties, at the time of notice. In the event the FCC determines that SBC-13STATE may not require a security escort paid for by CLEC, then this virtual collocation maintenance alternative as described in this Section and in Section 16 is null and void, and all virtual collocation will be maintained by SBC-13STATE as described in Section 9.
- 13.5 Prior to entering an Premises that requires drawings, schematics, or other engineering documents, CLEC must provide SBC-13STATE with reasonable notice of the entry. Notice will be provided to SBC-13STATE's Local Operations Center, which will be available to receive notice twenty-four (24) hours a day, seven (7) days a week. CLEC providing notice to SBC-13STATE's Local Operations Center must specify the title and date of all drawings, schematics, or other engineering documents that will be used while in the Premises.
- 13.6 CLEC shall conduct background checks of the technicians who have access to the collocation space. CLEC technicians will be security qualified by CLEC and will be required to be knowledgeable of SBC-13STATE security standards. Disciplinary procedures shall be established in accordance with Section 14.3.1 to ensure the safety and integrity of the Premises including, e.g., procedures that require the responsible employee to be terminated for certain specified actions that damage or place the equipment of SBC-13STATE or other Collocators in jeopardy.
- 13.7 SBC-13STATE may use security devices, e.g., identification swipe cards, keyed access, and/or logs, as appropriate for the ` where collocation will take place.
- 13.8 SBC-13STATE shall be permitted to recover the cost of such security devices from CLEC in a reasonable manner. CLEC shall provide indemnification and insurance to cover any damages caused by CLEC's technicians at a level commensurate with the indemnification and insurance provided by SBC-13STATE's equipment suppliers with equivalent access.
- 13.9 Provisioning of equipment required for virtual collocation, e.g., power arrangements and interconnection arrangements will be provided in accordance with this Appendix.

14. OBLIGATIONS OF CLEC

14.1 Indemnification of SBC-13STATE: The parties' conduct under this agreement shall be subject to the Indemnity provisions of the General Terms and Conditions.

14.2 Insurance

CLEC agrees to maintain, at all times, the following minimum insurance coverages and limits and any additional insurance and/or bonds required by law:

14.2.1 Workers' Compensation insurance with benefits afforded under the laws of the State of SBC-13STATE and Employers Liability insurance with minimum limits of \$100,000 for Bodily Injury-each accident, \$500,000 for Bodily Injury by disease-policy limits and \$100,000 for Bodily Injury by disease-each employee.

14.2.2 Commercial General Liability insurance with minimum limits of: \$2,000,000 General Aggregate limit; \$1,000,000 each occurrence sub-limit for all bodily injury or property damage incurred in any one occurrence; \$2,000,000 Products/Completed Operations Aggregate limit, with a \$1,000,000 each occurrence sub-limit for Products/Completed Operations. Fire Legal Liability sub-limits of \$300,000 are required for lease agreements. SBC-13STATE will be named as an Additional Insured on the Commercial General Liability policy.

14.2.3 If use of an automobile is required, Automobile Liability insurance with minimum limits of \$1,000,000 combined single limits per occurrence for bodily injury and property damage, which coverage shall extend to all owned, hired and non-owned vehicles.

14.2.4 All Risk Property coverage on a full replacement cost basis insuring all of CLEC's personal property situated on or within the Premises. CLEC releases SBC-13STATE from and waives any and all right of recovery, claim, action or cause of action against SBC-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives for any loss or damage that may occur to equipment or any other personal property belonging to CLEC or located on or in the space at the request of CLEC when such loss or damage is by reason of fire or water or the elements or any other risks that would customarily be included in a standard all risk casualty insurance policy covering such property, regardless of cause or origin, including negligence of SBC-13STATE, its agents, directors, officers, employees, independent contractors, and other representatives.

14.2.5 Property insurance on CLEC's fixtures and other personal property shall contain a waiver of subrogation against SBC-13STATE, and any rights of CLEC against SBC-13STATE for damage to CLEC's fixtures or personal property are hereby waived. CLEC may also elect to purchase business interruption and contingent business interruption insurance, knowing that SBC-13STATE has no liability for loss of profit or revenues should an interruption of service occur that is attributable to any Physical Collocation arrangement provided under this Appendix. This provision is reciprocal to SBC-13STATE.

14.2.6 SBC-13STATE requires that companies affording insurance coverage have a B+ VII or better rating, as rated in the A.M. Best Key rating Guide for Property and Casualty Insurance Companies.

14.2.7 CLEC must provide a certificate of insurance to SBC stating the types of insurance and policy limits that apply to the collocation space sought in any particular collocation application before SBC will commence work on that application. These insurance provisions and requirements are reciprocal to SBC-13STATE as well. Notwithstanding any other provision in this Appendix, no interval provided for in this Appendix shall begin if CLEC has not provided the required certificate of insurance.

14.2.8 The cancellation clause on the certificate of insurance will be amended to read as follows:

"SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED OR MATERIALLY CHANGED, THE ISSUING COMPANY WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER."

14.2.9 CLEC shall also require all contractors who may enter the Premises to maintain the same insurance requirements listed above.

14.3 Conduct While in SBC-13STATE Premises

14.3.1 CLEC and SBC-13STATE will each establish disciplinary procedures up to and including dismissal or denial of access to the Premises and other property of SBC-13STATE for certain specified actions that damage, or place the equipment, facilities, or the network or the personnel of CLEC or SBC-13STATE in jeopardy. The following are actions that could damage or place the Premises, or the network or the personnel of CLEC or SBC-13STATE in jeopardy and may justify disciplinary action up to and including dismissal or the denial of access to the Premises and other property of SBC-13STATE:

14.3.1.1 Theft or destruction of SBC-13STATE's or CLEC's property;

14.3.1.2 Use/sale or attempted use/sale of alcohol or illegal drugs on SBC-13STATE's property;

14.3.1.3 Threats or violent acts against other persons on SBC-13STATE's property;

14.3.1.4 Knowing violations of any local, state or federal law on SBC-13STATE's property;

14.3.1.5 Permitting unauthorized persons access to SBC-13STATE or CLEC's equipment on SBC-13STATE's property; and

14.3.1.6 Carrying a weapon on SBC-13STATE's property.

14.3.2 In addition, CLEC and SBC-13STATE will take appropriate disciplinary steps as determined by each party to address any violations reported by SBC-13STATE or CLEC of SBC-13STATE's policies and practices on security, safety, network reliability, and business conduct as defined in SBC-13STATE's Interconnector's Collocation Services Handbook for Virtual Collocation in 13-STATES, provided the Handbook and any and all updates to it are timely provided to CLEC at no charge.

14.3.3 CLEC technicians will be security qualified by CLEC and will be required to be knowledgeable of SBC-13STATE security standards. CLEC personnel and

technicians will undergo the same level of security training, or its equivalent that SBC-13STATE's own employees and authorized contractors must undergo. SBC-13STATE will not, however, require CLEC to receive security training from SBC-13STATE, but will provide information to CLEC on the specific type of training required. CLEC can then provide its employees with their own security training. Qualification program and security training details shall be included in SBC-13STATE's Interconnector's Collocation Services Handbook for Virtual Collocation in SBC-13STATE's

15. COOPERATIVE RESPONSIBILITIES

15.1 Qualification of CLEC

- 15.1.1 CLEC technicians will be security qualified by CLEC and will be required to be knowledgeable of SBC-13STATE's security standards. CLEC personnel and technicians will undergo the same level of security training, or its equivalent that SBC-13STATE's own employees and authorized contractors must undergo. SBC-13STATE will not, however, require CLEC to receive security training from SBC-13STATE, but will provide information to CLEC on the specific type of training required. CLEC can then provide its employees with their own security training. Qualification program and security training details shall be included in SBC-13STATE's Interconnector's Collocation Services Handbook for Virtual Collocation in 13-STATES.

16. RATE REGULATIONS

The rate element descriptions and rates and charges included in 12 preceding apply to this virtual collocation alternative wherein CLEC maintains and repairs the virtually collocated equipment. Additional rate elements and rates apply to this alternative as provided for below.

16.1 Rate Elements for SBC-13STATE's Offices

- 16.1.1 This security escort charge consists of the charges for SBC-13STATE-provided security escorts for CLEC Vendor's access to their virtual collocation space in Staffed and Unstaffed Central Offices. Any escort requirements will be initiated by CLEC. Labor rates are based upon a ¼ hour basis and are dependent upon day of week and time of day. For purposes of this Appendix, normal week day is defined as 8:00 a.m. through 5:00 p.m., Monday through Friday, excluding holidays. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed meet point. Access requests outside of normal business hours or for unstaffed Central Offices which are cancelled will be subject to the minimum four (4) hour call out charge. Non-recurring charges for this sub-element are specified on the Collocation Rate Summary.

16.2 Rate Element for SBC-13STATE's CEV, HUT, and Cabinets

- 16.2.1 The security escort charge consists of the charges for SBC-13STATE provided security escorts for CLEC Vendor's access to their virtual collocation space in CEVs, Huts and Cabinets. Any escort requirements will be initiated by CLEC. Labor rates are based upon a 1/4 hour basis. The billing period will start at the time the technician is contacted. This will allow for travel time to reach the agreed upon meet point. Access requests which are cancelled will be subject to the minimum four

(4) hour call-out charge. Rates and charges are as found on the Collocation Rate Summary.

16.3 Application of Rates and Charges

16.3.1 Beginning on and after the Effective Date of this Agreement, the Parties agree that the rates and charges for Collocation shall be as set forth in this Appendix and in the Pricing Schedule applicable to collocation ("Collocation Rates"). The Parties agree that the Collocation Rates shall apply, on a prospective basis only, beginning on the Effective Date of this Agreement, to all existing CLEC collocation arrangements, including those established before the Effective Date of this Agreement. Because the Collocation Rates will apply on a prospective basis only, neither Party shall have a right to retroactive application of the Collocation Rates to any time period before the Effective Date, and there shall be no retroactive right of true-up for any time period before the Effective Date.

17. CDOW (CLECs DOING OWN WORK) - CLEC RESPONSIBILITIES

When CLEC selects the option to provide, install, and terminate their interconnection and power cabling with an SBC-13STATE Approved Vendor, the following Sections will apply. However, the terms and conditions within CDOW are not comprehensive. There are terms and conditions from the preceding Sections of this same Appendix that still apply for CDOW for rate elements that are not specifically addressed within Section 17 following.

17.1 Interconnection Cable

17.1.1 CLEC has the option to provide, install and terminate its interconnection cabling between CLEC's Dedicated Space and SBC-13STATE Main Distribution Frame or its equivalent by SBC-13STATE Approved Vendor. This option is only available if CLEC does all three (3) activities associated with interconnection cabling: provide, install and terminate. CLEC may not elect to do some but not all the activities. CLEC must indicate on its virtual collocation application that it has selected this option to apply to all interconnection cabling requested on the application. If CLEC selects this option, CLEC must also select the option to provide, install and terminate its power cable leads described in Section 17.2. If CLEC selects this option, SBC-13STATE will install and stencil termination blocks or panels at SBC-13STATE Main Distribution Frame or its equivalent for the handoff of the Actual Point of Termination (APOT) Connection(s) to CLEC's SBC-13STATE Approved Vendor. Intervals and provisioning for this offering are found in Section 17.3.1 through 17.3.5. CLEC's SBC-13STATE Approved Vendor must obtain an approved Method Procedure (MOP) from SBC-13STATE and follow SBC-13STATE's Technical Publication TP 76300MP for installation of equipment and cable facilities.

17.2 DC Power Arrangement Provisioning

17.2.1 CLEC has the option to provide, install and terminate its power cable leads between CLEC's Dedicated Space and SBC-13STATE's Battery Distribution Fuse Bay (BDFB) by SBC-13STATE Approved Power Installation Vendor. When SBC-13STATE designated power termination point is at the Power Plant Primary Distribution, CLEC's SBC-13STATE Approved Power Installation Vendor will provide and install the power cable leads, but not terminate.

- 17.2.2 **CLEC** must contact **SBC-13STATE** Project manager five (5) business days prior to scheduling a request for the termination of **CLEC**'s power cable leads to **SBC-13STATE** Power Plant Primary Distribution, which will be performed by **SBC-13STATE**. This option is only available if **CLEC** does all three (3) activities associated with the power cable lead unless described otherwise within this Section.
- 17.2.3 **CLEC** may not elect to do some but not all the activities unless otherwise permitted in this Section. If **CLEC** selects this option, **CLEC** must also select the option to provide, install and terminate its interconnection cabling described in Section 17.1. Intervals and provisioning for this offering are found in Section 17.3.1 through 17.3.5. **CLEC**'s **SBC-13STATE** Approved Power Installation Vendor must obtain an approved Method of Procedures (MOP) from **SBC-13STATE** and follow **SBC-13STATE**'s Technical Publication TP 76300MP for installation of equipment and cable facilities.

17.3 Intervals and Provisioning

- 17.3.1 Implementation Intervals when **CLEC** hires **SBC-13STATE** Approved Vendor Installs Interconnection and Power Cabling
- 17.3.1.1 **SBC-13STATE** will provide Virtual Collocation arrangements in Premises on a "first-come, first-served" basis. The determination whether there is sufficient space to accommodate Virtual Collocation at a particular Premises will be made initially by **SBC-13STATE**. **SBC-13STATE** will notify **CLEC** as to whether its request for space has been granted or denied due to a lack of space within ten (10) calendar days from receipt of **CLEC**'s accurate and complete Virtual Collocation Application. If **SBC-13STATE** determines that **CLEC**'s Virtual Collocation Application is unacceptable, **SBC-13STATE** shall advise **CLEC** of any deficiencies within this ten (10) calendar day period. **SBC-13STATE** shall provide **CLEC** with sufficient detail so that **CLEC** has a reasonable opportunity to cure each deficiency. To retain its place in the queue to obtain the Virtual Collocation arrangement, **CLEC** must cure any deficiencies in its Application and resubmit such Application within ten (10) calendar days after being advised of the deficiencies. Any changes to the amount or type of floor space, interconnection terminations, and power requested from the originally submitted Virtual Collocation Application will not be considered a deficiency, but rather as a new Virtual Collocation Application with a new ten (10) calendar day space notification and a new delivery interval. The delivery intervals set forth in this Section 17.3 is for new and augment Virtual Collocation Applications and apply only when **CLEC** installs interconnection and power cabling.
- 17.3.1.2 The delivery interval relates to the period in which **SBC-13STATE** shall construct and turnover to **CLEC**'s **SBC-13STATE** Approved Vendor the requested Virtual Collocation Space. The delivery interval begins on the date **SBC-13STATE** receives a complete and accurate Virtual Collocation Application from **CLEC**. **CLEC** must provide **SBC-13STATE**, within seven (7) calendar days from the date of notification granting the application request, a confirmatory response in writing to continue construction along with the fifty percent (50%) payment of non-recurring charges (unless payment was received with application) or the delivery interval provided in table below will not commence until such time as

SBC-13STATE has received such response and payment. If **CLEC** has not provided **SBC-13STATE** such response and payment by the twelfth (12th) calendar day after the date **SBC-13STATE** notified **CLEC** its request has been granted, the application will be canceled. Dedicated space is not reserved until **SBC-13STATE**'s receipt of the confirmatory response in writing from **CLEC** with applicable fees. The delivery interval for Virtual Collocation is determined by **SBC-13STATE** taking into consideration the various factors set forth in Table (1) below including, without limitation, the number of all Virtual Collocation Applications submitted by **CLEC** and the need for additional preparation of the space such as overhead racking, additional power or HVAC. The delivery interval assigned will be provided to **CLEC** by **SBC-13STATE** with the ten (10) calendar day space notification. Each complete and accurate Virtual Collocation Application received by **SBC-13STATE** from **CLEC** will be processed in the order received unless **CLEC** provides a priority list, whichever is applicable.

Table 1

Number of All Applications submitted by One Collocator per state or <u>metering region</u>	Overhead Iron/Racking Exists for Virtual Collocation <u>Space Use</u>	Overhead Iron/Racking Does Not Exist for Virtual Collocation <u>Space Use</u>	Additional Power or HVAC is Required for Virtual Collocation <u>Space Use</u>
1 – 10	60 calendar days	80 calendar days	180 calendar days
11 - 20	65 calendar days	85 calendar days	185 calendar days

17.3.1.3 Should **CLEC** submit twenty-one (21) or more applications within ten (10) business days, the above delivery intervals will be increased by five (5) days for every five (5) additional applications or fraction thereof. Any material revision to an application will be treated as a new application and the delivery intervals set forth in Table (1) above will be re-started. All Virtual Collocation Applications received by **SBC-13STATE** from **CLEC** within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals. The Virtual Collocation delivery interval ends when roughed in and the assigned space has been distinctly marked by **SBC-13STATE**.

17.3.1.4 For example, but not by way of limitation, if **CLEC** submits twelve (12) complete and accurate Virtual Collocation Applications in a state, the delivery intervals assigned by **SBC-13STATE** will depend on which variables apply within each Premises Virtual Collocation is requested:

17.3.1.5 If Applications (1-4) are for Virtual Collocation Space where overhead racking exists, the delivery intervals assigned will be sixty (60) days. If Applications (5-11) are for Virtual Collocation Space where overhead racking does not exist, the delivery intervals assigned to Applications (5-

10) will be eighty (80) calendar days and Application (11) will be assigned eighty five (85) calendar days. The Virtual Collocation Application (12) was requested in an Premises that needs additional HVAC added and would be assigned one hundred and eight five (185) calendar days.

17.3.2 Payment

17.3.2.1 The second fifty percent (50%) payment must be received by SBC-13STATE prior to the space being turned over to CLEC's SBC-13STATE Approved Vendor. At space turnover, the Actual Point of Termination (APOT) Connection(s) will be provided to CLEC's SBC-13STATE Approved Vendor by SBC-13STATE.

17.3.3 Cable Augments

17.3.3.1 This subsection provides for shortened intervals for the following interconnection cabling augment requests:

- up to 168 DS1 connections and/or
- up to 48 DS3 connections and/or
- up to 400 Copper (shielded or nonshielded) cable pair connections and/or
- up to 12 fiber pair connections.

For each augment request, CLEC must submit a complete and accurate Physical Collocation Application.

17.3.3.2 This application must include an up-front payment of the Application Fee and fifty percent (50%) of all applicable non-recurring charges.

17.3.3.3 The cabling Augment interval is determined by SBC-13STATE taking into consideration the various factors set forth in Table (2) below including, without limitation, the number of all Virtual Collocation Applications for the above Augments submitted by CLEC, the type of infrastructure available for collocation, and the need for additional preparation of the infrastructure such as overhead racking and additional power. The cabling Augment interval assigned will be provided to CLEC by SBC-13STATE with the ten (10) calendar day Augment notification. Each complete and accurate Virtual Collocation Application received by SBC-13STATE from CLEC will be processed in the order received unless CLEC provides a priority list, whichever is applicable.

Number of All Applications submitted by One Collocator per state <u>or metering region</u>	Necessary Elements such as Iron/Racking and Power exist for Virtual Collocation <u>Use</u>	Necessary Elements such as Iron/Racking and Power does not exist for Virtual Collocation <u>Use</u>
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1 – 10	30 calendar days	60 calendar days
11 - 20	35 calendar days	65 calendar days

17.3.3.4 Should **CLEC** submit twenty-one (21) or more Virtual Collocation Applications for cabling Augments within ten (10) business days, the above cabling Augment intervals will be increased by five (5) days for every five (5) additional application or fraction thereof. Any material revision to a Virtual Collocation Application for cabling Augments will be treated as a new application and the cabling Augment delivery intervals set forth in Table (2) above. All cabling Augment applications received by **SBC-13STATE** from **CLEC** within a ten (10) business day period shall be treated as submitted at the same time for purposes of administering the above staggering intervals.

17.3.3.5 For example, but not by way of limitation, if **CLEC** submits twelve (12) Virtual Collocation Applications for cabling Augments in a state, the delivery intervals assigned will depend on which variables apply within each Premises requested:

17.3.3.5.1 If Applications (1-4) are for Virtual Collocation cabling Augments where necessary elements such as overhead racking and power exists, the delivery interval assigned will be thirty (30) calendar days.

17.3.3.5.2 If Applications (5-12) are for Physical Collocation where necessary elements such as overhead racking and power does not exists, the delivery interval assigned to Applications (5-10) will be sixty (60) calendar days and for Applications (11-12) sixty five (65) calendar days.

17.3.4 All Other Augments

17.3.4.1 For all Augments other than provided above, **SBC-13STATE** will work cooperatively with **CLEC** to negotiate a mutually agreeable delivery intervals.

17.3.5 Walk-Through Visit

17.3.5.1 Within twenty (20) calendar days or mutually agreed upon time, from **SBC-13STATE**'s receipt of the confirmatory response in writing to continue construction on the Virtual Collocation job requested along with the 50% payment of non-recurring charges (unless payment was received with application), Network Support and/or appropriate departments will schedule a walk through visit with **CLEC** and/or vendor to provide floor plans of space and the preliminary route design for the interconnection and power cabling.

17.4 Rates Elements for **SBC-13STATE** Central Offices

17.4.1 DC Power Arrangement Provisioning

- 17.4.1.1 When **CLEC** selects the option to install the power cable by **SBC-13STATE** Approved Power Installation vendor, only the rack occupancy and on-going maintenance of the rack charge will apply. This is expressed as a monthly rate as specified on the Collocation Rate Summary.

17.4.2 DS0 Voice Grade Cable Arrangement

- 17.4.2.1 When **CLEC** selects the option to provide and install the interconnection cabling by a **SBC-13STATE** approved vendor, the DS0 Voice Grade Terminal blocks at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.3 DS-1 Interconnection Cable Arrangement to DCS

- 17.4.3.1 When **CLEC** selects the option to provide and install the interconnection cabling by **SBC-13STATE** approved vendor, the DS-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.4 DS-1 Interconnection Cable Arrangement to DSX

- 17.4.4.1 When **CLEC** selects the option to provide and install the interconnection cabling by **SBC-13STATE** approved vendor, the DSX at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.5 DS-3 Interconnection Cable Arrangement to DCS

- 17.4.5.1 When **CLEC** selects the option to provide and install the interconnection cabling by **SBC-13STATE** approved vendor, the DS-3 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.6 DS-3 Interconnection Cable Arrangement to DSX

- 17.4.6.1 When **CLEC** selects the option to provide and install the interconnection cabling by **SBC-13STATE** approved vendor, the DSX at the MDF, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.7 Fiber Interconnection Cable Arrangement

- 17.4.7.1 When **CLEC** selects the option to provide and install the interconnection cabling by a **SBC-13STATE** approved vendor, the Fiber terminating panel

at the FDF-1 Port, rack occupancy, and on-going maintenance charges will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.8 Collocation to Collocation Connection

17.4.8.1 This rate element include virtual to virtual and virtual to physical connection options.

17.4.8.1.1 Fiber Cable

17.4.8.1.1.1 When **CLEC** selects the option to provide and install the interconnection cabling by a **SBC-13STATE** approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.8.1.2 Copper Cable

17.4.8.1.2.1 When **CLEC** selects the option to provide and install the interconnection cabling by a **SBC-13STATE** approved vendor, the charge for on-going maintenance of the rack will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.8.1.3 Coax Cable

17.4.8.1.3.1 When **CLEC** selects the option to provide and install the interconnection cabling by a **SBC-13STATE** approved vendor, the charge for on-going maintenance will apply. This is expressed as a combination of a non-recurring charge and a monthly rate as specified on the Collocation Rate Summary.

17.4.8.1.4 Cable Racking and Hole

17.4.8.1.4.1 This sub-element provides for cable rack space and hole for copper, coax and optical cabling between two collocation arrangements and the required terminations at each virtual collocation arrangement(s) at an Premises. This sub-element is expressed as a monthly rate specified on the Collocation Rate Summary.

17.4.8.1.5 Route Design

17.4.8.1.5.1 This sub-element provides the route design for collocation-to-collocation connections. This

sub-element is expressed as a non-recurring charge and this charge is specific on the Collocation Rate Summary.